

IN THE DRAWINGS:

Subject to the approval of the Examiner, please amend Figures 4, 14, and 19 as indicated in the Request for Approval of Drawing change filed concurrently herewith.

REMARKS

The amendments to the title, to the abstract, and to pages 1 and 5 of the specification are made to be consistent with the types of claims submitted herein.

The amendments to pages 12, 13-14, and 14-15 of the specification were originally made in an Amendment, dated February 22, 1999 (or made by Examiner's Amendment) in the great grandparent application (Serial No. 08/941,187), and the amendments were approved in an Office Action, dated May 11, 1999.

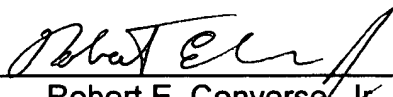
The amendments to pages 35-36 of the specification were originally made in an Amendment, dated March 30, 1999 in the grandparent application (Serial No. 09/003,941), and the amendments were approved in an Office Action, dated April 27, 1999.

If there is any fee due in connection with the filing of this Preliminary Amendment, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

Dated: October 12, 2001

By: 
Robert E. Converse, Jr.
Reg. No. 27,432

203086_1

LAW OFFICES
FINNEGAN, HENDERSON,
FARABOW, GARRETT,
& DUNNER, L.L.P.
1300 I STREET, N. W.
WASHINGTON, DC 20005
202-408-4000

APPENDIX

IN THE TITLE:

METHODS AND APPARATUS FOR CHILD SUPPORT PAYMENT
PROCESSING [USING DEBIT-BASED ELECTRONIC FUNDS TRANSFER] AND
CHILD SUPPORT DISBURSEMENT PROCESSING [USING ADDENDUM-BASED
ELECTRONIC DATA INTERCHANGE] BY A PROCESSING ENTITY.

IN THE SPECIFICATION:

Page 1, the paragraph entitled Field of the Invention:

The present invention relates generally to the processing of child support payments[,] and the processing of child support disbursements by a processing entity. More particularly, the invention relates to [a] methods and apparatus for processing child support payments using debit-based [electronic funds transfer] transactions and processing child support disbursements using addendum-based [electronic data interchange] transactions by a processing entity, such as a state disbursement unit or any commercial, governmental, or other entity .

Page 5, first full paragraph:

The inefficiencies and other shortcomings in the current methodologies for payment and disbursement processing reflect undesirable diminutions in capacity and quality that could be achieved by further development of improved payment and disbursement processing methods. Thus, the current payment and processing methods reflect an unsatisfactory development of methods and systems to process both the permissive and mandatory obligations of an

06556.0003-04

employee by an employer and subsequent disbursement to an intended recipient, in particular, to process a child support obligation of an employee by an employer and subsequent disbursement to an intended recipient by a processing entity, such as a state disbursement unit or any commercial, governmental, or other entity.

Page 12, first full paragraph:

Once accumulator agency's bank 210 receives the EFT transaction from accumulator agency 130, accumulator agency's bank 210 must process each of the individual debit-based transactions contained within the EFT transaction. Like accumulator agency 130, accumulator agency's bank 210 may also use various EFT formats for processing multiple payments through [automated clearing house (ACH)] ACH 220. ACH [240] 220 is a clearing house for processing financial transactions through the Federal Reserve system, such as, for example, the National Automated Clearinghouse Association (NACHA).

Page 13-14, replace the first full paragraph on page 13 (which continues to page 14) with the following paragraph:

For the processing of the disbursement according to Fig. 3, intermediary 310 initially receives an EDI file from accumulator agency 130, as shown in Fig. 2. This EDI file contains information relating to the payment made by initiator 110 and requests instructions regarding the disbursement. Intermediary 310 then processes the information and determines whether a disbursement is to be made. If a disbursement is approved by intermediary 310,

0097541-10101
102101-11252660

intermediary 310 transmits another EDI file to accumulator agency 130 with instructions for the disbursement. Accumulator agency 130 then processes disbursement 320. Disbursement 320 may include any of a number of several disbursement methods, including paper check 322, direct deposit 324, and debit deposit 326. Accumulator agency 130 processes paper check 322 by the traditional methodology, by printing and mailing the check to recipient 330. Accumulator agency 130 processes direct deposit 324 also through the traditional methods, by issuing the deposit by EFT. Accumulator agency 130 processes debit deposit [826] 326 through any number of available options by issuing an EFT, including the creation of a debit deposit at a bank operated by a state agency or the creation of a debit deposit account at a bank operated by accumulator agency 130. Whatever the methodology for disbursement, according to system 300, disbursement 320 processes a disbursement to recipient 330 according to instructions provided to accumulator agency 130 from intermediary 310.

Pages 14-15, replace the last paragraph on page 14 (which continues to page 15) with the following new paragraph:

As shown in Fig. 4, system 400 anticipates that initiator 110 (in the case of the preferred embodiment, an employee) has already initiated a payment and disbursement. System 400 thus shows three alternatives for collector 120 (shown here as employer 410) for initiating a payment and disbursement consistent with the invention. Employer 410 depicts alternative ways that an employer can initiate a payment and disbursement for an employee, illustrated as

102101-11252660

employer 412, employer 414, and employer 416. Employer 412 has only one employee subject to child support obligations; employer [412] 414 has 200 employees subject to child support obligations, and employer 416 also has 200 employees subject to child support obligations. In the case of employer 412, the FEDI file transmitted from employer 412 to accumulator agency 130 comprises the CCD+ format. As noted above, the CCD+ format provides for an EFT transaction plus an addendum, but the CCD+ format is limited to one addendum per transaction. Thus, employer 414 also utilizes the CCD+ format, but due to the limitations of this EFT format, employer 414 would be required to use 200 separate FEDI transactions in the CCD+ format. In contrast, employer 416 transmits all 200 transactions utilizing the CTX format. As noted above, the CTX format allows for the transmission of a payment with up to 9,999 addenda records. Employer 416 therefore saves both time and expense by using the CTX format. Whatever the format, once employer 410 transmits the necessary FEDI files, accumulator agency 130 receives the FEDI files from employer 410 and processes the payment and disbursement transactions.

Pages 35-36, replace the paragraphs beginning with the first paragraph on page 35 through the first full paragraph on page 36 with the following new paragraphs:

Although the system and processes described by Figs. 17-18 describe the preferred embodiment for the disbursement processing system shown in Fig. 4, other implementations are also available. Fig. 19, for example, illustrates an alternative embodiment for a disbursement processing system consistent with the invention. Fig. 20 depicts a flow diagram illustrating the series of steps

If the disbursement is not a check, accumulator agency 130 must process an electronic transaction for the disbursement (step 2040). To do so, accumulator agency 130 issues an EFT/FEDI transaction to accumulator

agency's bank 210 (step 2042) and accumulator agency's bank then transmits the transaction to ACH 220 (step 2045). ACH 220 then transmits the EFT/FEDI transaction to intermediary/recipient's bank 240 (step 2050). If the EFT/FEDI transaction is for direct deposit (step 2055), intermediary/recipient bank 240 subsequently issues a direct deposit via ACH 220 (step 2060). In system 1900, accumulator agency 130 issues a direct deposit to ACH 220, which results in the transmission of a direct deposit to intermediary B's bank [1914] 1924, which transacts with ACH 220 to process the direct deposit to recipient B's bank 1920. In so doing, ACH 220 issues a debit transaction to intermediary B's bank [1914] 1924 (step 2066) and issues a credit transaction to recipient B's bank 1920 (step 2067). Thereby, recipient B 1934 receives a disbursement in the form of a direct deposit (step 2068).

If disbursement is not by direct deposit, accumulator agency 130 processes the disbursement as a debit deposit (step 2070). Similar to the system and methods described in Figs. 17-18, in establishing a debit deposit, accumulator agency 130 has the option of where to locate the debit account. In system 1900, accumulator agency 130 establishes the direct deposit account at intermediary C's bank [1916] 1926, by transmitting the direct deposit information via ACH 220. Thereby, recipient C 1936 receives the disbursement in the form of a debit account at intermediary C's bank [1916] 1926 (step 2080).

Alternatively, accumulator agency 130 can establish a debit deposit account at other locations, including accumulator agency's bank 210. Finally, although not depicted in Fig. 20, the system and methods consistent with this embodiment

TOPT-THS2660

also contemplate the issuance of an invoice to recipient 330 for any
disbursement (as indicated by the dotted line on Fig. 19).

IN THE ABSTRACT:

This disclosure describes a child support payment and child support disbursement system at a processing entity (such as a state disbursement unit or any other commercial, governmental, or other entity), wherein [an initiator] an employee (who is a noncustodial parent who owes a child support obligation) authorizes a child support payment and child support disbursement to [a collector] an employer and the [collector] employer processes the child support payment and child support disbursement through [an accumulator agency] a processing entity. The [accumulator agency] processing entity processes the child support payment as a debit-based transaction and processes the child support disbursement as an addendum-based transaction. [The processing of a debit-based transaction generally occurs by electronic funds transfer (EFT) or by financial electronic data interchange (FEDI). The processing of an addendum-based transaction generally occurs by electronic data interchange (EDI).] The payment may be made to the processing entity, to a state, or to any other entity. The disbursement may be made to a custodial parent, to a state, to a state entity, or to any other recipient.

06556.0003-04

#7
4-10-02
RM

PATENT
Customer No. 22,852
Attorney Docket No. 06556.0003-04

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
John POLK) Group Art Unit: 2716
Serial No.: Unassigned) Examiner: E. Cosimano
Filed: October 12, 2001)
For: METHOD AND APPARATUS FOR)
PAYMENT PROCESSING USING)
DEBIT-BASED ELECTRONIC)
FUNDS TRANSFER AND)
DISBURSEMENT PROCESSING)
USING ADDENDUM-BASED)
ELECTRONIC DATA)
INTERCHANGE)

Commissioner for Patents and Trademarks
Washington, DC 20231

Sir:

REQUEST FOR APPROVAL OF DRAWING CHANGE

Subject to the approval of the Examiner, it is respectfully requested that Figures 4, 14, and 19 in the above-captioned application be amended as indicated in red on the attached copies of the originally filed drawing.

The amendment for Figure 4 was originally made in a Request for Approval of Drawing Change, dated February 22, 1999, in the great grandparent application (Serial No. 08/941,187), and the amendment was approved in an Office Action, dated May 11, 1999.

approved
ERC
6-18-02

FOR FILING

The amendment for Figure 14 was originally made in a Request for Approval of Drawing Change, dated January 8, 1998, in the grandparent application (Serial No. 09/003,941), and the amendment was approved in an Office Action, dated December 31, 1998.

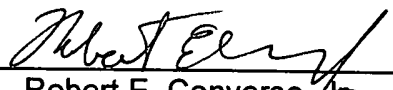
The amendment for Figure 19 was originally made in a Request for Approval of Drawing Change, dated March 30, 1999, in the grandparent application (Serial No. 09/003,941), and the amendment was approved in an Office Action, dated April 27, 1999.

If there are any fees due in connection with the filing of this paper, please charge the fees to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

Dated: October 12, 2001

By: 
Robert E. Converse, Jr.
Reg. No. 27,432

211144_1

LAW OFFICES

FINNEGAN, HENDERSON,
FARABOW, GARRETT,
& DUNNER, L.L.P.
1300 I STREET, N. W.
WASHINGTON, DC 20005
202-408-4000

FIGURE 4

400

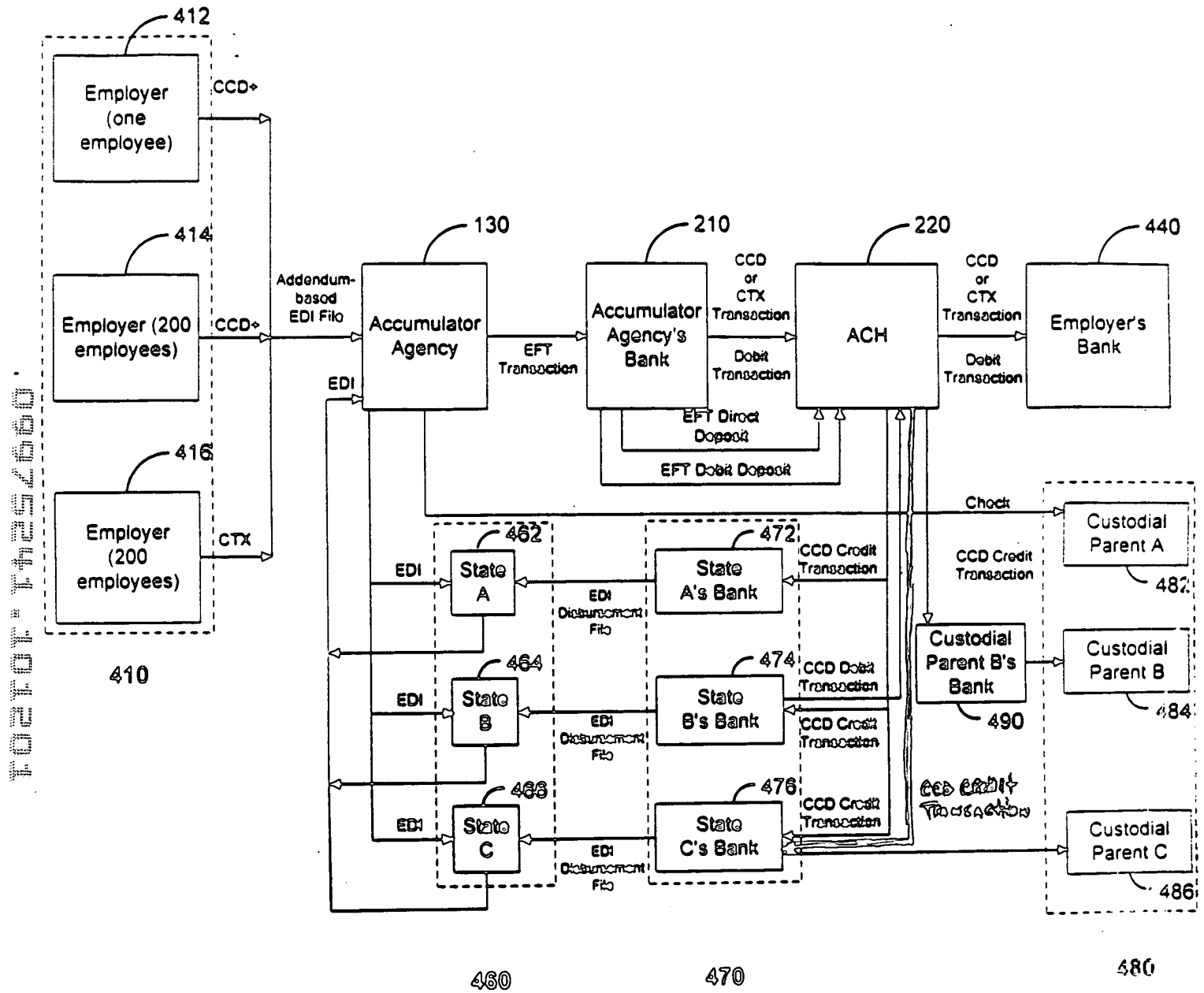
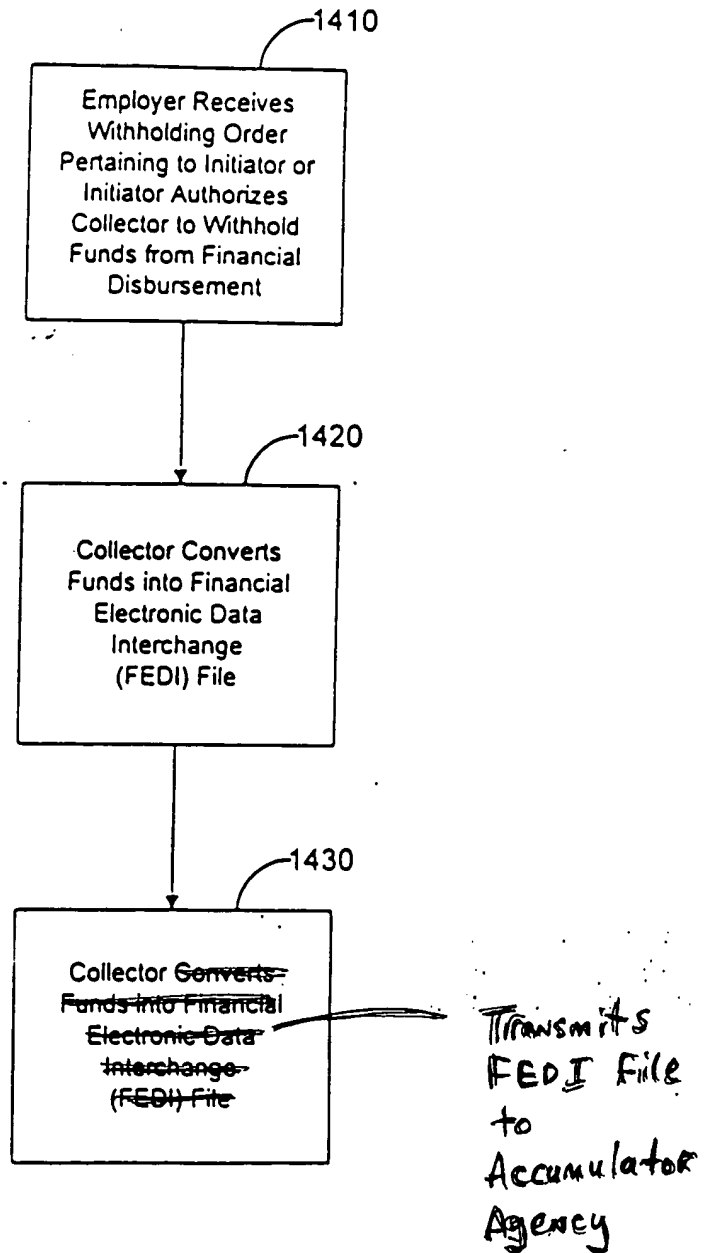


FIGURE 14



102101 14252660

FIGURE 19

